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Agaricus blazei Murill Extract

National Cancer Institute

Source

National Cancer Institute. *Agaricus blazei Murill Extract*. NCI Thesaurus. Code C88268.

A dietary supplement containing an extract of the Basidiomycete fungus *Agaricus blazei* Murill with potential chemopreventive, antineoplastic and immunopotentiating activities. *Agaricus blazei* Murill extract contains high levels of phytochemicals, especially beta-D-glucans. Beta-D-glucans may promote dendritic cell (DC) maturation; increase interferon gamma (IFN-gamma), tumor necrosis factor alpha (TNF-alpha) and immunoglobulin levels; and may enhance natural killer (NK) cell activity, potentially boosting anti-tumor host immune responses.